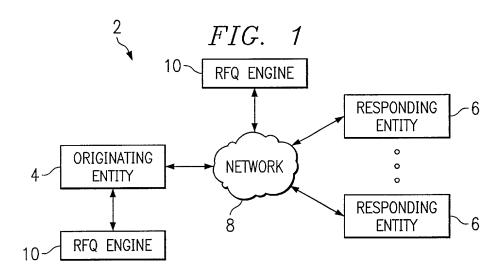GENERATION AND EXECUTION OF CUSTOM REQUESTS FOR QUOTE
Inventor(s): Abhay V. Parasnis, et al.
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FIG. 1

2

10 — RFQ ENGINE

RESPONDING ENTITY — 6

4 — ORIGINATING ENTITY

NETWORK

8

o
o
o

RESPONDING ENTITY — 6

10 — RFQ ENGINE

10

FIG. 2

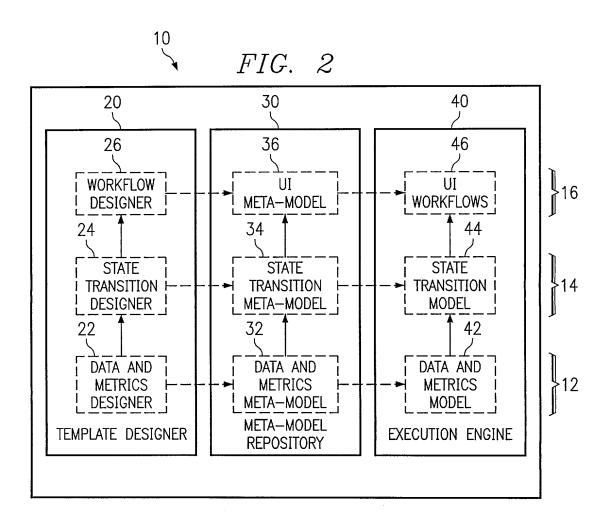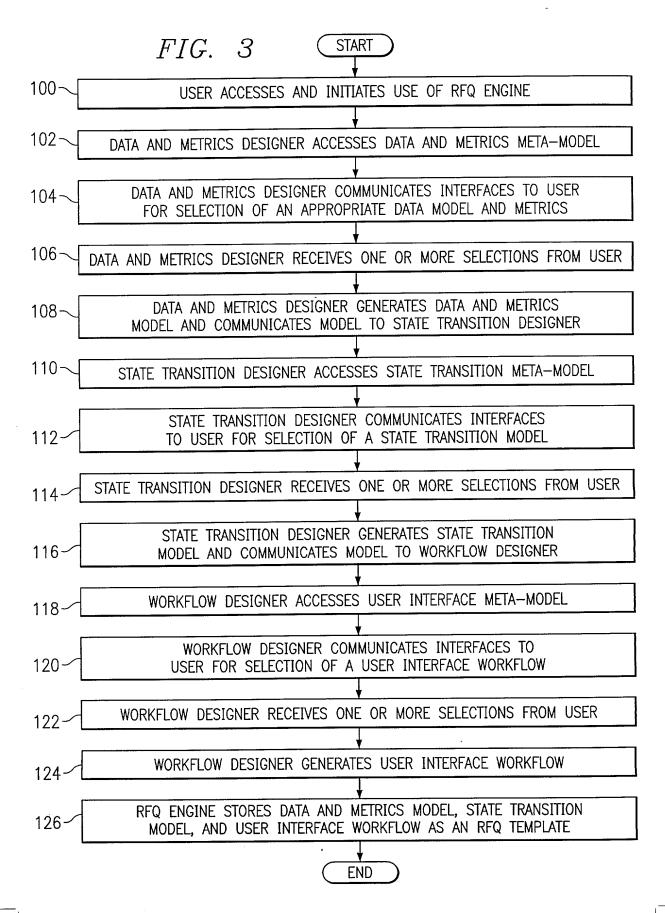| TEMPLATE DESIGNER 20	META-MODEL REPOSITORY 30	EXECUTION ENGINE 40	
WORKFLOW DESIGNER 26	UI META-MODEL 36	UI WORKFLOWS 46	}16
STATE TRANSITION DESIGNER 24	STATE TRANSITION META-MODEL 34	STATE TRANSITION MODEL 44	}14
DATA AND METRICS DESIGNER 22	DATA AND METRICS META-MODEL 32	DATA AND METRICS MODEL 42	}12

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FIG. 3   (START)

100 — USER ACCESSES AND INITIATES USE OF RFQ ENGINE

102 — DATA AND METRICS DESIGNER ACCESSES DATA AND METRICS META–MODEL

104 — DATA AND METRICS DESIGNER COMMUNICATES INTERFACES TO USER FOR SELECTION OF AN APPROPRIATE DATA MODEL AND METRICS

106 — DATA AND METRICS DESIGNER RECEIVES ONE OR MORE SELECTIONS FROM USER

108 — DATA AND METRICS DESIGNER GENERATES DATA AND METRICS MODEL AND COMMUNICATES MODEL TO STATE TRANSITION DESIGNER

110 — STATE TRANSITION DESIGNER ACCESSES STATE TRANSITION META–MODEL

112 — STATE TRANSITION DESIGNER COMMUNICATES INTERFACES TO USER FOR SELECTION OF A STATE TRANSITION MODEL

114 — STATE TRANSITION DESIGNER RECEIVES ONE OR MORE SELECTIONS FROM USER

116 — STATE TRANSITION DESIGNER GENERATES STATE TRANSITION MODEL AND COMMUNICATES MODEL TO WORKFLOW DESIGNER

118 — WORKFLOW DESIGNER ACCESSES USER INTERFACE META–MODEL

120 — WORKFLOW DESIGNER COMMUNICATES INTERFACES TO USER FOR SELECTION OF A USER INTERFACE WORKFLOW

122 — WORKFLOW DESIGNER RECEIVES ONE OR MORE SELECTIONS FROM USER

124 — WORKFLOW DESIGNER GENERATES USER INTERFACE WORKFLOW

126 — RFQ ENGINE STORES DATA AND METRICS MODEL, STATE TRANSITION MODEL, AND USER INTERFACE WORKFLOW AS AN RFQ TEMPLATE

(END)

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FIG. 4

(START)

200 — ORIGINATING ENTITY REQUESTS
INITIATION OF RFQ PROCESS

202 — ORIGINATING ENTITY SELECTS AN
APPROPRIATE RFQ TEMPLATE

204 — EXECUTION ENGINE ACCESSES AND EXECUTES
DATA AND METRICS MODEL, STATE TRANSITION
MODEL, AND USER INTERFACE WORKFLOW

206 — RFQ ENGINE COMMUNICATES INTERFACES
TO ORIGINATING ENTITY FOR CREATION
OF RFQ BASED ON MODELS

208 — ORIGINATING ENTITY INPUTS VALUES
FOR RFQ ACCORDING TO WORKFLOW

210 — RFQ GENERATED FROM INPUT VALUES

212 — RFQ COMMUNICATED TO ONE OR
MORE RESPONDING ENTITIES

214 — RFQ PROCESS PERFORMED ACCORDING
TO STATE TRANSITION MODEL

(END)